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BIBLIOGRAPHY OF AGRICULTURE

with SUBJECT INDEX

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INTRODUCTION

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and allied sciences, based upon the indexing records prepared by the U.S. National Agricultural Library, for its CAIN (Cataloging and Indexing) computer system. The Oryx Press, in cooperation with Datagraphics Press, Inc., prepares and publishes the Bibliography under the control of its own computer indexing system.

CONTENT

The National Agricultural Library collects literature related to agriculture from world wide sources. The Bibliography includes journal articles, pamphlets, government documents, special reports, proceedings, etc. Books, new serials and other materials recently cataloged by the Library are announced in the *National Agricultural Library Catalog* published by Rowman and Littlefield. Material covered by both the Bibliography and the Catalog is also available through computerized, on-line interactive systems offered by System Development Corporation and Lockheed Information Systems.

Publications are considered for indexing in the CAIN System if a summary, abstract or title is available in a language in which the Library has expertise. Articles of substantial interest to the agricultural community are selected by specialists on the library staff. Editorials, letters to the editor, regular columns, and articles signed with pseudonyms or initials are not included. Indexing of articles on the processing of agricultural products is limited to those on primary processing. Generally material must have been published in the current year or the preceding year, but exceptions are made for comprehensive volumes or works of special significance to a wide audience.

The Bibliography is now divided into ten sections: A main entry section, five main entry sub-sections, a geographic index, a corporate author index, a personal author index, and a subject index. In addition, a list of Journal Titles indexed in this issue is included in the front matter.

MAIN ENTRY SECTION

The main entry section provides full bibliographic data for the records added to the CAIN system during the preceding month by the National Agricultural Library.

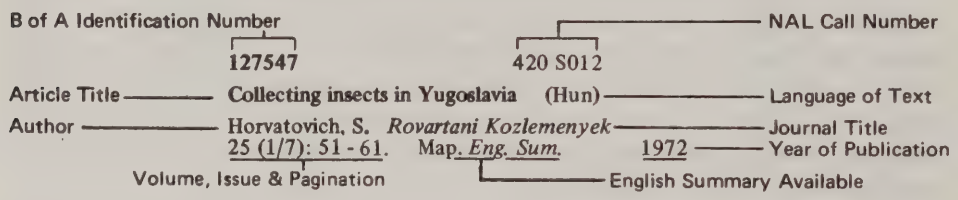
Entries are assigned to one (or more if appropriate) of the broad subject categories shown in the table of contents. The array of subject categories was increased in 1973 to facilitate browsing through a small number of citations of high relevance to a particular interest. Approximately equal numbers of citations will fall into each category over a given period of time. In assigning materials to the categories, first consideration is given to the aspect, discipline or methodology involved, so that the categories will enhance information given in the title.

Within each category, entries are arranged alphabetically by journal title abbreviation. This permits rapid locating and scanning of articles from journals which are known to be relevant.

Each entry begins with a six digit identification number assigned sequentially throughout a volume year. This number serves as an identfier for the item in the various indexes. The call number of the National Agricultural Library is also noted on the first line of each entry, and should be included in any correspondence with the library. All titles are in English, using the Library's translations of non-English titles as necessary. If the text is other than English, the original language is indicated in parentheses following the title, using the following notations:

(Afr)	Afrikaans	(Fle)	Flemish	(Lit)	Lithuanian
(Alb)	Albanian	(Fre)	French	(Mac)	Macedonian
(Arm)	Armenian	(Geo)	Georgian	(Nor)	Norwegian
(Aze)	Azerbaijani	(Ger)	German	(Pol)	Polish
(Bel)	Belorussian	(Gre)	Greek	(Por)	Portuguese
(Bul)	Bulgarian	(Heb)	Hebrew	(Rum)	Rumanian
(Bur)	Burmese	(Hun)	Hungarian	(Rus)	Russian
(Chi)	Chinese	(Ice)	Icelandic	(Ser)	Serbian
(Cro)	Croatian	(Ind)	Indonesian	(Slo)	Slovak
(Cze)	Czech	(Ita)	Italian	(Slv)	Slovenian
(Dan)	Danish	(Jap)	Japanese	(Spa)	Spanish
(Dut)	Dutch	(Kor)	Korean	(Swe)	Swedish
(Est)	Estonian	(Lat)	Latin	(Tha)	Thai
(Fin)	Finnish	(Lav)	Latvian	(Tur)	Turkish
				(Ukr)	Ukrainian

In order to identify bibliographic elements within each main entry, note the following:



MAIN ENTRY SUB-SECTIONS

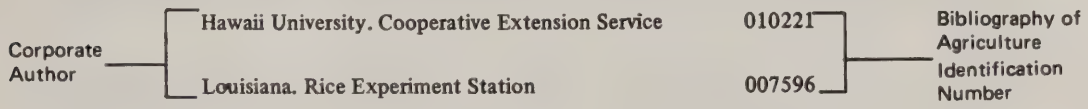
Since The Oryx Press became publisher of the *Bibliography of Agriculture* (in January 1975), five main entry sub-sections have been added. These sections follow The Main Entry Section and appear in the following order: USDA Publications; State Agricultural Experiment Station Publications; State Agricultural Extension Service Publications; FAO Publications; and Translated Publications. Each of these five sections appeared in the original *Bibliography of Agriculture* published by the U.S. Department of Agriculture prior to 1970. The citation format used in these five sections differs from The Main Entry section, as follows: USDA, State Experiment, and State Extension publications are arranged alphabetically by journal title abbreviation; in addition, the *Bibliography of Agriculture* Identification Numbers have been eliminated. These numbers have been dropped in these sections because all the entries appear in The Main Entry Section as well as in the subsections.

GEOGRAPHIC INDEX

As part of our goal of constantly increasing access to the literature, we have added a geographic index. This index is a direct alphabetic listing of all place names which have been indexed in association with the title. Obviously not all titles will have geographic entries. The indexing division of the National Agricultural Library will add geographic descriptors wherever it is germane to the subject of the article.

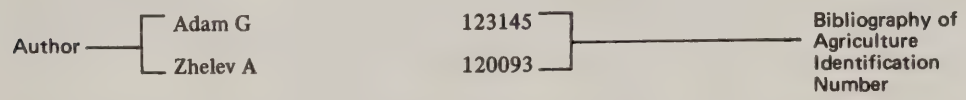
CORPORATE AUTHOR INDEX

Readers will note that the corporate author index is considerably enlarged. We are now able to indicate authorship of the publications of the State Agricultural Experiment Stations and Extension Services. The full corporate citation is given, followed by the six digit identification number referring to its appropriate main entry.



AUTHOR INDEX

All personal authors (to a maximum of ten for each citation) are included in the index. Entries are made by last name and initials, followed by the six digit identification number referring to the bibliographic data in the main entry section.



SUBJECT INDEX

The vocabulary of the *Bibliography of Agriculture* is derived from the indexed literature. As a result, it reflects both natural language and scientific terminology. The reader must keep this fact in mind and approach the subject index without any preconceived taxonomy in mind. For example, data on a particular member of the ACARIDAE family may be found under TICKS as well. Prevention measures will be found under ACARICIDE.

The reader should plan his search in terms of the most specific natural language term prior to searching under a scientific term. However, note that the vocabulary is an open ended one and new terms are added each month. Undoubtedly readers will be more keenly aware of crucial search terms within their own fields of research. If such terms are missing, we hope readers will notify the editor of such gaps. The Subject Index will increase its utility if there is frequent interaction between the research community and the editor.

All entries are complete (none are truncated), and are based on single words in the title (and title enrichment when added by the library). An entry will be made whenever a title word matches a word on the authority file, which currently contains over 25,000 terms. The file is organized so that in most cases synonymous terms are grouped together under a single subject heading. Thus singular and plural forms are grouped under a single term as are grammatical variants.

The title word on which the entry is based, appears in italics to facilitate rapid scanning of the index. A secondary word, which may either precede or follow the primary word, appears in bold face type. The alphabetic sequence is by the secondary (bold face) word. These word pairs help provide finer access to desired terms, particularly under headings which have many entries.

CHEESES

Production and sale of *Gorgonzola* **cheese** [Prices, trade, productive capacity]. 227693

The **cheese** *industry*. 227819

Information for the consumer and advertising abroad of typical *Italian* **cheeses** [Prices]. 227689

Not enough to produce—Sale of *Italian* **cheeses** urgency of modern forms and efficient structures [Prices, trade].

Many general terms were deleted from the control vocabulary in 1975, and work is underway on the establishment of a more complete list of specific terms. Each subsequent issue will reflect this work. The *Thesaurus of Agricultural Terms,* published in 1976, reflects all the changes made in the control vocabulary through December 1975.

The last item of each entry in the Subject Index is the six digit *Bibliography of Agriculture* identification number. Use this number to locate the complete main entry citation in the monthly issues.

AVAILABILITY OF REFERENCES CITED

Most of the current publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free of charge by applying directly to the issuing agency. The National Agricultural Library does not distribute them, nor does the publisher.

Users who wish to obtain full text for citations should first utilize the resources of their local libraries. For material which is not readily available from other sources, users may request material from the National Agricultural Library. Such requests must include the complete citation as well as the Library's call number. Microfilm or electrostatic copies of documents may be purchased from the Photocopying Service of the National Agricultural Library, U.S. Department of Agriculture, Beltsville, Maryland 20705. Copy charges are:

Microfilms:	$1.00 for each 30 pages or fraction copied from a single article or book
Electrostatic Copies:	$1.00 for each 10 pages or fraction copied from a single article or book.

Payment must accompany the order. Cash, library coupons, check, or money order drawn to the National Agricultural Library, USDA, are acceptable. Payment for orders originating outside the United States should be made by international money order or draft on an American bank, or by UNESCO book coupons. Library coupons, valued at $1.00 each, may be purchased in any quantity from the Library's Photocopying Service.

LIST OF JOURNAL TITLE ABBREVIATIONS CITED

A D A S Profitable Farm Enterp Bookl G B Agric Dev Advis Serv
Abeille Fr Apicul
Acad Agric Fr C R Seances
Acarologia
Acta Agrar Silv, Ser Zootech
Acta Agric Scand
Acta Anat
Acta Arachnol
Acta Biol Med Ger
Acta Biol, Nova Ser (Szeged)
Acta Bot Fenn
Acta Bot Neerl
Acta Endocrinol
Acta For Fenn
Acta Histochem
Acta Microbiol Sinica
Acta Oecon
Acta Parasitol Litu
Acta Physiol
Acta Trop
Acta Vet (Budap)
Acta Virol
Adv Exp Med Biol
Adv Food Res
Afinidad
Ag Stat N D Crop Livest Rep Serv
Agrartechnik
Agrarwirtschaft
Agric Agroind J
Agric Biol Chem
Agric Econ Rep Econ Res Serv U S Dep Agric
Agric Groupe
Agric Handb U S Dep Agric
Agric Hist
Agric North Irel
Agrichem Age
Agriculture (Paris)
Agrinews (Botswana)
Agroanimalia
Agrokhim Kharakt Pochv SSSR Pochv Inst Im V V Dokuchaeva
Agron Lusit
Ahrokhimiia Hruntozn
Aktuel Lantbrukshogsk (Upps)
Aktuel Litinf Obstbau Berlin Tech Univ Bibl
Allg Dtsch Imkerztg
Am Bee J
Am Coop, Am Inst Coop
Am Dairy Rev
Am Dyest Rep
Am Family Physician
Am Hortic
Am J Agric Econ
Am J Cardiol
Am J Clin Nutr
Am J Digestive Diseases
Am J Diseases Children
Am J Physiol
Am J Public Health
Am J Vet Res
Am Mus Novit
Am Nurserym
Am Orchid Soc Bull
Am Rock Gard Soc Bull
Amis Roses
An Inst Nac Invest Agrar, Ser Prod Veg
An Quim Soc Esp Fis Quim
Anal Biochem
Angew Makromol Chem
Anim Breed
Anim Prod
Ann Acad Sci Fenn, Ser A II Chem
Ann Appl Biol
Ann Geogr
Ann Histochim
Ann N Y Acad Sci
Ann Naturhist Mus Wien
Ann Nutr Aliment
Ann Sci For
Ann Trop Med Parasitol
Ann Zootech
Annee Biol
Annu Rep Bean Improv Coop
Annu Rev Plant Physiol
APE, Riv Svizz Apic
Apic Mod
Appl Cryog Technol
Applied Environ Microbiol
Arable Farming
Arb DLG (Dtsch Landwirtsch Ges)
Arb Osterreich Kurator Landtech
Arbeiten Hohenheim Univ
Arboric Fruit
Arch Anat Microsc Morphol Exp
Arch Gartenbau
Arch Int Pharacodyn Ther
Arch Latinoam Nutr
Arch Microbiol
Arch Naturschutz Landschaftsforsch
Arch Tierz
Arch Virol
Arecanut Spices Bull
Arnoldia
ARS-NC U S Agric Res Serv North Cent Reg
ARS-NE U S Agric Res Serv Northeast Reg
ARS-S U S Agric Res Serv South Reg
ASC Ky Univ Dep Anim Sci
Atmos Environ
Atti Rend Accad Naz Lincei
Atti Soc Tosc Sci Nat
Aus Walde Mitt Niedersaechs Landesforstverwalt
Aust J Agric Res
Aust J Biol Sci
Aust J Dairy Technol
Aust J Exp Agric Anim Husb
Aust J Plant Physiol
Aust Vet J
Baromfiipar
Baromfitenyesztes
Bayer Landwirtsch Jahrb
Behav Genet
Beitr Naturkd Forsch Sudwestdtschl
Belg Apic
Ber Dtsch Bot Ges
Beret Statens Forsogsmejeri
Beret Statens Husdyrbrugsudvalg Landokonomisk Forsogslab
Better Crops Plant Food
Bibl Bot
Biene
Bienenpflege
Bienenvater
Bienenwelt
Big Farm Manage
Biken J
Biochem Biophys Res Commun
Biochem Genet
Biochem J
Biochemistry (Easton)
Biochemistry (N Y)
Biochim Biophys Acta
Biol Conserv
Biol Neonate
Biol Plant
Biol Reprod
Biologia
Biologico
BioScience Am Inst Biol Sci
Biotechnol Bioeng
Biotehnika
Biul Warz
Biull Gl Bot Sada
Bol Ind Anim
Bol Soc Quim Peru
Boll Zool Agrar Bachic
Bot J Linn Soc
Botanique
Botyu Kagaku
Br J Pharmacol
Br Poult Sci
Br Vet J
Bras Flores
Brauwelt
Broil Ind
Broteria, Ser Cienc Nat
Bryologist
Bull Am Mus Nat Hist
Bull Azabu Vet Coll
Bull Biol Fr Belg
Bull Br Mus Nat Hist Bot
Bull Br Mus Nat Hist Zool
Bull Coniferous For Biome
Bull Conn Agric Exp Stn New Haven
Bull Entomol Soc Am
Bull Environ Contam Toxicol
Bull Exp Biol Med
Bull Fac Agric Mie Univ Tsu Jap
Bull Grain Technol
Bull Hir Prefect Agric Exp Stn
Bull Inf CNEEMA (Cent Natl Etud Exp Mach Agric)
Bull Inf Mutual Agric
Bull Inf Rizic Fr
Bull Kans Agric Exp Stn
Bull Kyushu Agric Exp Stn
Bull Miss Agric For Exp Stn
Bull N Z Dep Sci Ind Res
Bull Natl Inst Agric Sci, Ser C Plant Pathol Entomol
Bull Off Int Epizoot
Bull R Soc N Z
Bull Res Div, Va Polytech Inst State Univ
Bull Soc Chim Belg
Bull Soc Nat Luxemb
Bull Soc Sci Vet Med Comp Lyon
Bull Soc Zool Fr
Bull South Aust Dep Agric
Bull Torrey Bot Club
Bull Trimest Soc For Franche Comte Prov Est
Bull Univ R I Coop Ext Serv
Bull Univ Tenn Agric Exp Stn
Bull W Va Agric Exp Stn
Bull Wash (State) Agric Exp Stn
Bull Wash State Univ Coll Agric Res Cent
Bull Wildl Dis Assoc
Cac Suc J
Cah I E A (Inst Econ Agric Brux)
Cah Med Vet
Cah O R S T O M Ser Ent Med Parasitol (Off Rech Sci Tech Outre-Mer)
Cah ORSTOM Ser Hydrobiol (Off Rech Sci Tech Outre-Mer)
Cah ORSTOM Ser Oceanogr (Off Rech Sci Tech Outre-Mer)
Cah Ser Biol ORSTOM (Off Rech Sci Tech Outre-Mer)
Cah Ser Hydrol ORSTOM (Off Rech Sci Tech Outre-Mer)
Cajanus
Calcif Tissue Res
Calif Farmer (Cent Ed)
Can Agric
Can Entomol
Can Farm Econ
Can For Ind
Can J Anim Sci
Can J Biochem
Can J Bot
Can J Chem
Can J Microbiol
Can J Physiol Pharmacol
Can J Plant Sci
Can J Zool
Carbohydr Res
Castanea
Cell Tissue Res
Cellule
Cenicafe
Cereal Foods World
Chem Commun
Chem Lett
Chem Nat Compd
Chem Pharm Bull
Chem Phys Lipids
Chem Unser Zeit
Chimia
Chron Hortic
Chung Hua Chih Wu Pao Hu Husueh Hui Plant Prot Bull
Circ N C State Univ Agric Ext Serv
Circ S C Agric Exp Stn
Citrus Ind
Citrus Veg Mag
Clays & Clay Miner
Clin Exp Immunol
Clin Toxicol
Collana Verde
Collect Czech Chem Commun
Comp Biochem & Physiol B, Comp Biochem
Comp Biochem & Physiol C, Comp Pharmacol
Consumer Reports
Contrib Gray Herb
Contrib Herb Aust
Cooking for Profit
Cornell Hotel Restaurant Admin Quarterly
Coton Fibres Trop
Cotton Int Ed
Courr Norm
Crop Sci
Crops Soils
Ctry Life
Cukoripar
Cuoio Pelli Mater Concianti
Curr Inf Ser Idaho Univ Coop Ext Serv
Curr Rep W Va Agric Exp Stn
Curr Sci
Curr Tech Small Anim Surg
Cytobios
Cytol Genet
Dairy Counc Dig
Dairy Farmer Dairy Beef Prod
Dairy Herd Manage
Dan Erhversfjerkrae
Def Veg
Delphiniums
Dep Vet Q S Roger Bellon
Dev Psychobiol
DFRC Proc (Distill Feed Res Counc)
Dialogues Nutr
DLZ (Die Landtech Z)
Doc Int Dairy Fed
Doc Tech Inst Natl Rech Agron Tunis
Dokl Vses Akad S-kh Nauk
Drev Vysk
DSAC Dixon Springs Agric Cent
Dtsch Entomol Z
Dtsch Muller Ztg
DTW (Dtsch Tierarztl Wochenschr)
East Afr Agric For J
Ecol Bull Statens Naturvetensk Forsk
Ecol Monogr
Ecol Res Ser
Ecology (Durham)
Econ & Polit Wkly
Econ Agric
Econ Bot
Econ Hist Rev
Econ Med Anim
Egg Ind
Ekologiia
Elelmez Ipar
Elev Insemination
EM Coop Ext Serv Coll Agric Wash State Univ
Endocrinology
Entomol Exp Appl
Entomol News
Entomol Newsl
Entomol Rec J Var
Environ & Plann
Environ Aff
Environ Child Health
Environ Entomol
Environ Sci Tech
Environ Southwest
Erdo
ERS U S Dep Agric Econ Res Serv
Erwerbsobstbau
ESC U S Fed Ext Ser
Esso Farmer
Estuarine Coastal Mar Sci
Etud CNEEMA (Cent Natl Etud Exp Mach Agric)
Eur J Biochem
Eur J Drug Metab Pharmacokinet
Evolution
Exp Cell Res
Experientia
Experientiae
Explor Econ Hist
Ext Fol Agric Ext Serv Univ Minn
Faipar
Farm Build News
Farm Chem
Farm Fact
Farm Food Res
Farm J (Calcutta)
Farm Power Equip
FDA By-Line Food Drug Adm
FDA Consumer
FEBS Lett (Fed Eur Biochem Soc)
Fed Proc Fed Am Soc Exp Biol
Feed Ind
Feed Manage, East Ed
Feedstuffs
Feld Wald Wasser Schweiz Jagdztg
Feldwirtschaft

Fert News
Fert Prog
Fert Solu
Fish Bull U S Dep Commer Natl Ocean Atmos Adm Natl Mar Fish Serv
Fitoterapia
Fjaderfa
Fla Entomol
Fla Food Resour Econ
Flora Iran
Florists Rev
Flower And Gard West Ed
Focus Beef
Focus Jap
Foldrajzi Ert
Folia For
Folia Vet Lat
Food Eng
Food Ind S Afr
Food Management
Food Nutr
Food Nutr Notes Rev
Food Policy (Sussex)
Food Process Ind
Food Prod Dev
Food Res Inst Stud Agric Econ Trade Dev
Food Technol
Food Technol Aust
Food Technol N Z
For Prod J
For Prot Handb
For Res News South U S South & Southeast For Exp Stn
Foreign Agric Circ, Dried Pulses FDP (U S Dep Agric)
Foreign Agric Circ FD U S Foreign Agric Serv
Foreign Agric Circ, FDAP (U S Dep Agric)
Foreign Agric Circ FLM U S Foreign Agric Serv
Foreign Agric Circ FPE U S Foreign Agric Serv
Foreign Agric Circ, Grains FG, U S Dep Agric Foreign Agric Serv
Foreign Agric Circ Rice FR U S Foreign Agric Serv
Foreign Agric Circ Veg Fibers FVF U S Foreign Agric Serv
Foreign Agric Circ, Wool FW U S Dep Agric Foreign Agric Serv
Foreign Agric U S Foreign Agric Serv
Forestry
Forsch Sitzungsber Akad Raumforsch Landespl
Forstarchiv
Forstwiss Centralbl
Fr Frisonne
Fruit Situat TFS U S Dep Agric Econ Res Serv
Fruits
Fungic Nematic Tests
G Bot Ital
Gac Colmenar
Gard J
Garden
Gartenbaul Versuchsber
Gazdalkodas
Gen & Comp Endocrinol
Genetics
Genetika
Geochim Cosmochim Acta
Geophytology
Gidrotekh Melior
Glasg Nat
Gorteria
Gottinger Floristische Rundbriefe
Gradinar Lozar Nauka
Grasas Aceites
Great Basin Nat
Grune
Harvestore Farmer
Helv Chim Acta
Herba Hung
Heredity
Hoards Dairym
Hog Farm Manage
Holzforschung
Hortsci
Houil Blanc
Husipar
Hydrobiol J
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Indian J Chem
Indian J Exp Biol
Indian J Farm Sci
Indian J Genet Plant Breed
Indian J Med Res
Indian J Physiol Pharmacol
Indian J Poult Sci
Indian Poult Rev
Indian Pulp Pap
Indian Silk
Indian Sugar
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Inf Bot Ital
Inf Fitopatol
Inf Internes Agric Eur Econ Community
Inf Ortofruttic
Inf Rep M-X Mar For Res Cent
Inf Rep NOR-X North For Res Cent (Edmonton Alberta)
Inf Rep VP-X West For Prod Lab Vancouver
Inf Sheet Coop Ext Serv Miss State Univ
Inf U S Farmer Coop Serv
Insect Pest Surv Tasmania Dep Agric
Instit/vol Feeding
Int Biodeterior Bull
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Int J Fertil
Int J Parasitol
Int J Syst Bacteriol
Int Rev Gesamten Hydrobiol
Int Sugar J
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J Anim Ecol
J Anim Sci
J Appl Meteorol
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J Arboric
J Arnold Arbor
J Assoc Off Anal Chem
J Aust Entomol Soc
J Bacteriol
J Biogeogr
J Biol Chem
J Biol Stand
J Bombay Nat Hist Soc
J Bryol
J Cell Biol
J Cell Sci
J Chem Soc, Perkin Trans I
J Chem Soc, Perkin Trans II
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J Chromatogr Sci
J Clin Microbiol
J Dairy Sci
J Econ Entomol
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J Electronmicrosc (Tokyo)
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J Endocrinol
J Environ Health
J Exp Zool
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J Fish Res Board Can
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J Ga Entomol Soc
J Gen Microbiol
J Gen Virol
J Hazard Mater
J Histochem Cytochem
J Hortic Sci
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J Immunol Methods
J Indian Chem Soc
J Insect Physiol
J Jap Soc Food Nutr
J Mar Res
J Med Microbiol
J Milk Food Technol
J Mol Biol
J Morphol
J N Y Entomol Soc
J Natl Assoc Coll Teach Agric
J Nutr
J Nutr Educ
J Nutr Sci Vitaminol
J Org Chem
J Pediatr
J Physiol
J Polym Sci Polym Chem Ed
J Polym Sci Polym Phys Ed
J Range Manage
J Reprod Fertil
J Retailing
J Rio Grande Val Hortic Soc
J Sch Health
J Sci Food Agric
J Sci Ind Res
J Small Anim Pract
J Soil Conserv Serv N S W
J Soil Sci
J Soil Sci Soc Am
J Steroid Biochem
J Toxicol Environ Health
J Ultrastruct Res
J Vet Med Educ
J Virol
J Water Pollut Control Fed
J Wildl Manage
Jahresber Landwirtschaftskam Schleswig Holstein
Jap J Genet
Jap J Med Sci Biol
Jap J Sanit Zool
Jap J Vet Sci
Jap Pestic Inf
Jarmuvek, Mezogazd Gepek
JNKVV Res J (Jawaharlal Nehru Krishi Vishma Vidyalaya)
Jordbruksekon Medd
Julk Maatalouden Taloud Tutkimuslaitoksen
Justus Liebigs Ann Chem
Kakteen Sukkulenten
Kartoffelbau
Kenya Cof
Kerala J Vet Sci
Kert Kut Intez Kozl
Khim Drev
Kiel Milchwirtsch Forschungsber
Kiserletugyi Kozl Hung Mezogazd Elelmez Miniszterium
Konchu
Kooperation
Kosmos, Ser A Biol
Kraftfutter
Ky AgriBus Spotlight Ky Univ Coop Ext Serv
L Kans State Univ Coop Ext Serv
Lab Anim
Lab Invest
Lab Pract
Lambillionea
Landbauforsch Volkenrode
Landbrukstidende
Landwirtsch Angew Wiss
Laporan Rep Lembaga Penelitian Hasil Hutan
LASCA Leaves (Los Ang State Cty Arbor)
Latte
Leafl Agric Exp Stn Auburn Univ
Leafl U S Dep Agric
Leben Erde
L'elevage
Lichenologist
Life Sci
Limnol Oceanogr
Livest Meat Situat LMS U S Dep Agric
Lohnunterne Land Forstwirtsch
Luonnon Tutkija
Macaro J
Macromolecules
Magy Allatorv Lapja
Magy Textiltech
Makromol Chem
Malay For
Mar Biol
Mar Chem
Maydica
Meat Process
Mech Leafl Farmers Grow
Medd Gronl
Medd Nor Inst Skogforskning
Medd Statens Cent Frokontrolanst
Meheszet
Meld Inst Bygningstek Nor Landbrukshogsk
Meld Landbruksteknisk Inst
Meld Nor Landbrukshogsk
Mem N Y Bot Gard
Mem Soc Entomol Ital
Memo Tec Mex Dir Gen Dist Riego
Metsantutkimuslait Julk
Mezogazd Tech
Mezogazd Vilagirodalom
Mich Bot
Mich Farm Econ
Micol Ital
Microbiol Parasitol Epidemiol
Microscope
Mikrokosmos
Minutes Proc Annu Meet Can Weed Comm West Sect
Misc Publ U S Dep Agric
Misc Rep Cent Overseas Pest Res
Mitt Ges Biblioteksw es Dok Landbaues
Mitt Schweiz Landwirtsch
Mitteilungsbl Obstbauberatunsringes Sudoldenburg e V
Mo Bot Gard Bull
Mod Plywood Tech
Mod Vet Pract
Mol Gen Genet (MGG)
Molk-Ztg Welt Milch
Mondo Latte
Monti Boschi
Mosq News
Mosq Syst
MP Tex Agric Exp Stn
Mutat Res
Mycologia
Mykosen (Berlin)
N Z Beekeep
N Z J Agric
N Z J Dairy Sci Technol
N Z J Exp Agric
N Z Vet J
Nat Mus
Natl Agric Outlook Conf
Natl Food Situation
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New Protein Foods
New Sci (London)
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Nippon Sochi Gakkai Shi
Nor Hagetid
Nor Landbruk
Nor Pelsdyrbl
Nor Veterinaertidskr
Nord Mejeritidsskr
North Log Timber Process
Northeast Reg Cent Rural Dev Publ
Notes R Bot Gard Edinb
Nova Proizvod
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Nucleic Acids Res
Nuovi Ann Ig Microbiol
Nutr Metab
Nutr News
Nutr Rep Int
Nutr Rev
Nutrition
Oecologia
Oleagineux
Opera Bot
Options Mediterr
Org Gard Farming
Orquideologia
Our Public Lands
PA U S Dep Agric
Pac Discov
Pac Sci
Pag Bull
PAG Bull Protein-Calorie Advis Group U N Syst
PANS Pest Artic News Summ
Pap Celul
Pap Puu
Papier
Pastor Rev
PB U S Natl Tech Inf Serv
Pchelovodstvo
PCT Pest Control Technol
Peanut Farmer
Peanut J Nut World
Pedobiologia
Personnel J
Pestic Biochem Physiol
Pestic Monit J
Pesticides
Pflanzenarzt
Pharm Chem J
Pharmacology
Philos Trans R Soc Lond, Ser B Biol Sci
Photogramm Eng Remote Sensing
Phycologia
Physiol Plant Pathol
Phytochemistry
Phytoma

Phytopathology
Pig Farming
Pjece Statens Husholdningsrad
Plant Health Newsl
Plant Life
Plant Med
Plant Physiol
Plant Soil
Planta
Plasticulture
PM Iowa State Univ Sci Technol Ames Coop Ext Serv
Pochvovedenie
Pollut Eng
Pomol Fr
Potato Res
Poult Advis
Poult Sci
Power Farming
Power Farming Mag
Prakt Tier
Princ Food Sci
Proc Alaska Sci Conf
Proc Am Phytopathol Soc
Proc Annu Conv Southeast Pecan Grow Assoc
Proc Annu Meet Am Wood Preserv Assoc
Proc Annu Meet N Y State Hortic Soc
Proc Annu Meet Northeast Weed Sci Soc
Proc Annu Mich Turfgrass Conf
Proc Biol Soc Wash
Proc Indian Acad Sci, Sec B
Proc Inst Environ Sci
Proc Linnean Soc N S W
Proc Natl Acad Sci U S A
Proc Nutr Soc
Proc R Soc Lond, B Biol Sci
Proc Soc Exp Biol Med
Proc Trans Br Entomol Nat Hist Soc
Proc Weed Soc N S W
Prod Anim
Prod Res Rep Agric Res Serv U S Dep Agric
Prof Pap U S Geol Surv
Prog Rep Pa Agric Exp Stn
Proj Rep P N Z Agric Eng Inst
Prostaglandins (Los Altos)
Protein Nucleic Acid Enzyme
Protoplasma
Pub (Manit Dep Agric)
Publ Can Dep Agric
Publ Inst Florestal (Sao Paulo)
Publ Landbouw Econ Inst Afd Viss Bosbouw
Publ Miss State Univ Coop Ext Serv
Publ Ont Minist Agric & Food
Publ Trimest Inst Belg Amelior Better
Publ 3 Landbouw-Econ Inst Afd Bedr Onderz Landbouw
Pulp And Pap
Q J Taiwan Mus
Quaest Entomol
R T I A (Rev Tech Econ Ind Aliment)
Radiobiology
Rapp IB (Inst Bodemvruchbaar Haren Gr)
Rapp Proefstn Groenteteelt Vollegrond Ned
Rapp Uppstats Inst Skogsprod Skogshogsk (Stockh)
Rass Chim
Rassenber IVRO Wageningen (Inst Rassenonderz Landbouwgewassen)
Recursos Hidraul
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Rep Rothamsted Exp Stn
Rep Univ Bristol Dep Agric Hortic
Rep Water Res Found Aust
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Res Bull Idaho Agric Exp Stn Univ Idaho Coll Agric
Res Bull Mass Agric Exp Stn
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Rev Cresterea Anim
Rev Cytol Biol Veg
Rev Ecol Biol Sol
Rev Embouteillage Indus Cond Trait Distrib Transp
Rev Estud Agrosoc
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Riv Ortoflorofruttic Ital
Riv Patol Veg
Riv Stor Agric
Rocz Inst Przem Mlecz
Rocz Nauk Roln, Ser B Zootech
RSRI Discuss Pap Ser (Reg Sci Res Inst)
RTVA
S & TA & NU Riv Sci Tecnol Alimenti Nutr Um
S Afr Sugar J
Sarsia
Sb Nauchn Rab Minist Sel'sk Khoz Rsfsr Sib Nauchnoissled Vetinst
Sch Foodserv J
Schlachten & Vermarkten
Schr Naturwiss Ver Schleswig Holstein
Schriften Landwirtschaftskammer Rheinl
Schriftenr Land Sozialfragen
Schweiz Bienen-Zeitung
Schweiz Z Obst Weinbau
Sci Am
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Smaskrift Landbruksdep Opplysningstjenesten (Norway)
Smithson Contrib Zool
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Soil Sci Plant Nutr
South Coop Ser Bull
South Indian Hortic
Sov Genet
Sov Hydrol
Sov J Dev Biol
Sov Soil Sci
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Spec Publ Coll Agric Univ Ill Urbana Champaign
Spec Rep Iowa Agric Home Econ Exp Stn
Spec Rep Oreg Agric Expn Stn
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Stat Bull U S Dep Agric
Staudengarten
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Tabak
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Taiwan Water Conserv
Tappi (Tech Assoc Pulp Paper Ind)
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Tec Molit
Tech Bull Asian Pac Counc Food Fert Tech Cent
Tech Bull ASPAC Food Fert Technol Cent (Asian Pac Counc)
Tech Bull S D Agric Exp Stn
Tech Lait
Tech Q Mast Brew Assoc Am
Tech Rep Water Resour Res Cent Univ Hawaii
Tetrahedron
Tetrahedron Lett
Tex J Sci
Tex Vet Med J
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Tidsskr Landokon
Tijdschr Diergeneeskd
Toxicol Appl Pharmacol
Toxicology
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Tr Inst Eksp Biol Akad Nauk Kaz SSR
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Trans ASAE (Am Soc Agric Eng)
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Trans Ill State Acad Sci
Trans Ill State Hortic Soc
Trans Mycol Soc Jap
Trans Shikoku Entomol Soc
Transplant Rev
Trav Inst Sci Cherif Fac Sci
Tud Kozl Erdeszeti Faipari Egy
TVA Bibliogr Tenn Val Auth Tech Libr
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USDA For Ser Gen Tech Rep PNW Pac Northwest For Range Exp Stn U S Dep Agric
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USDA For Serv Res Pap INT U S Intermt For Range Exp Stn
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Vara Palsd
VDL Nachrichten Verb Dtsch Akad Landwirtsch Ernahrung Landespflege
Vending Times
Veroff Land- Hauswirtsch Auswertungs-Informationsdienst
Versuchsergeb Bundesanst Pflanzenbau Samenprufung
Versuchsergeb Hohere Bundeslehr Versuchsanst Gartenbau
Vet Annu
Vet Arh
Vet Ital Collana Monogr
Vet Pathol
Vet Rec
Veterinarstvi
Victorian Hortic Dig
Vigneron Champenois
Viz Kozl
VM SAC (Vet Med Small Anim Clin)
W H O Chron
WAA, World Agric Aviat
Water Res
Water Resour Bull
Water Resour Res
Weinberg Keller
Wiad Parazytol
Wines Vines
Wood Res
Wood Sci Technol
Woodwork Indus
World Agric
World Rev Anim Prod
Yearb Calif Avocado Soc
Z Ernahrungswiss
Z Parasitenkd
Z Pflanzenzucht
Z Versuchstierkd
Z Vgl Physiol
Z Zuckerind
Zemed Ekon
Zemed Tech
Zentralbl Bakteriol Parasit Infektiowskr Hyg, Zweite Naturwiss Abt
Zentralbl Bakteriol Parasitenkd Infekionskr Hyg, I Abt Orig, reihe A Med Mikrobiol Parasitol
Zentralbl Veterinarmed, Reihe A
Zentralbl Veterinarmed, Reihe B
Zesz Probl Postepow Nauk Roln
Zhivotnovodstvo
Zivocisna Vyroba
Zoo Vet Fecond Artif
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Dairy products . . . . . 095546 – 095675
Livestock products . . . . . 095676 – 095726
Poultry products . . . . . 095727 – 095751
Field crop products . . . . . 095752 – 095856
Horticultural products . . . . . 095857 – 095990
Feed products . . . . . 095991 – 096066
Animal husbandry . . . . . 096067 – 096143
Livestock biology . . . . . 096144 – 096600
Livestock feeding . . . . . 096601 – 096834

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3930 E. Camelback Road
Phoenix, AZ 85018

Livestock breeding ..... 096835 – 097090
Veterinary medicine ..... 097091 – 097212
Infectious and parasitic diseases ..... 097213 – 097679
Non-infectious diseases ..... 097680 – 097774
Miscellaneous diseases ..... 097775 – 097871
Forestry—general ..... 097872 – 097956
Forest management ..... 097957 – 098069
Silviculture ..... 098070 – 098177
Forest industries ..... 098178 – 098440
General plant science ..... 098441 – 098481
Plant taxonomy and geography ..... 098482 – 098758
Plant ecology ..... 098759 – 098873
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Plant genetics and breeding ..... 099057 – 099459
Plant physiology and biochemistry—general ..... 099460 – 100051
Physiology and biochemistry of field crops ..... 100052 – 100335
Physiology and biochemistry of horticultural crops ..... 100336 – 100620
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Horticultural crops—culture ..... 101010 – 101284
Miscellaneous economic plants—culture ..... 101285 – 101308
Plant fungus diseases and control ..... 101309 – 101673
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Miscellaneous plant diseases, injuries, and control ..... 101826 – 102070
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Insect pests and controls—general and miscellaneous plants ..... 102220 – 102274
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Insect pests and controls—products ..... 102526 – 102543
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Pesticides—general ..... 102620 – 102780
General entomology ..... 102781 – 103132
Taxonomic entomology ..... 103133 – 103204
Apiculture and sericulture ..... 103205 – 103318
Agricultural engineering ..... 103319 – 103398
Farm equipment ..... 103399 – 103647
Soil science ..... 103648 – 103864
Soil improvement materials ..... 103865 – 104162
Soil resources and management ..... 104163 – 104245
Water resources and management ..... 104246 – 104433
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INTRODUCTION

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and allied sciences, based upon the indexing records prepared by the U.S. National Agricultural Library, for its CAIN (Cataloging and Indexing) computer system. The Oryx Press, in cooperation with Datagraphics Press, Inc., prepares and publishes the Bibliography under the control of its own computer indexing system.

CONTENT

The National Agricultural Library collects literature related to agriculture from world wide sources. The Bibliography includes journal articles, pamphlets, government documents, special reports, proceedings, etc. Books, new serials and other materials recently cataloged by the Library are announced in the *National Agricultural Library Catalog* published by Rowman and Littlefield. Material covered by both the Bibliography and the Catalog is also available through computerized, on-line interactive systems offered by System Development Corporation and Lockheed Information Systems.

Publications are considered for indexing in the CAIN System if a summary, abstract or title is available in a language in which the Library has expertise. Articles of substantial interest to the agricultural community are selected by specialists on the library staff. Editorials, letters to the editor, regular columns, and articles signed with pseudonyms or initials are not included. Indexing of articles on the processing of agricultural products is limited to those on primary processing. Generally material must have been published in the current year or the preceding year, but exceptions are made for comprehensive volumes or works of special significance to a wide audience.

The Bibliography is now divided into ten sections: A main entry section, five main entry sub-sections, a geographic index, a corporate author index, a personal author index, and a subject index. In addition, a list of Journal Titles indexed in this issue is included in the front matter.

MAIN ENTRY SECTION

The main entry section provides full bibliographic data for the records added to the CAIN system during the preceding month by the National Agricultural Library.

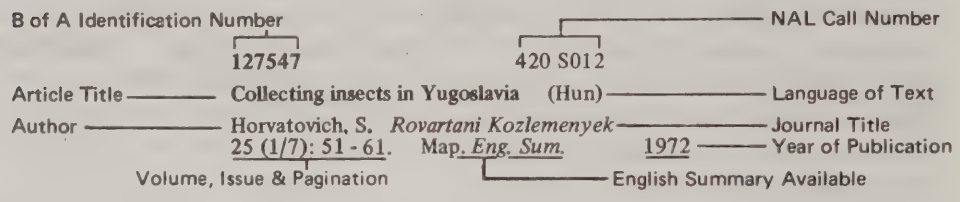
Entries are assigned to one (or more if appropriate) of the broad subject categories shown in the table of contents. The array of subject categories was increased in 1973 to facilitate browsing through a small number of citations of high relevance to a particular interest. Approximately equal numbers of citations will fall into each category over a given period of time. In assigning materials to the categories, first consideration is given to the aspect, discipline or methodology involved, so that the categories will enhance information given in the title.

Within each category, entries are arranged alphabetically by journal title abbreviation. This permits rapid locating and scanning of articles from journals which are known to be relevant.

Each entry begins with a six digit identification number assigned sequentially throughout a volume year. This number serves as an identfier for the item in the various indexes. The call number of the National Agricultural Library is also noted on the first line of each entry, and should be included in any correspondence with the library. All titles are in English, using the Library's translations of non-English titles as necessary. If the text is other than English, the original language is indicated in parentheses following the title, using the following notations:

(Afr)	Afrikaans	(Fle)	Flemish	(Lit)	Lithuanian
(Alb)	Albanian	(Fre)	French	(Mac)	Macedonian
(Arm)	Armenian	(Geo)	Georgian	(Nor)	Norwegian
(Aze)	Azerbaijani	(Ger)	German	(Pol)	Polish
(Bel)	Belorussian	(Gre)	Greek	(Por)	Portuguese
(Bul)	Bulgarian	(Heb)	Hebrew	(Rum)	Rumanian
(Bur)	Burmese	(Hun)	Hungarian	(Rus)	Russian
(Chi)	Chinese	(Ice)	Icelandic	(Ser)	Serbian
(Cro)	Croatian	(Ind)	Indonesian	(Slo)	Slovak
(Cze)	Czech	(Ita)	Italian	(Slv)	Slovenian
(Dan)	Danish	(Jap)	Japanese	(Spa)	Spanish
(Dut)	Dutch	(Kor)	Korean	(Swe)	Swedish
(Est)	Estonian	(Lat)	Latin	(Tha)	Thai
(Fin)	Finnish	(Lav)	Latvian	(Tur)	Turkish
				(Ukr)	Ukrainian

In order to identify bibliographic elements within each main entry, note the following:



MAIN ENTRY SUB-SECTIONS

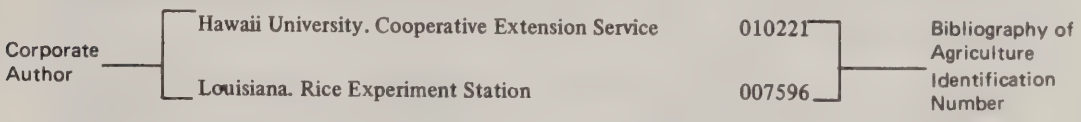
Since The Oryx Press became publisher of the *Bibliography of Agriculture* (in January 1975), five main entry sub-sections have been added. These sections follow The Main Entry Section and appear in the following order: USDA Publications; State Agricultural Experiment Station Publications; State Agricultural Extension Service Publications; FAO Publications; and Translated Publications. Each of these five sections appeared in the original *Bibliography of Agriculture* published by the U.S. Department of Agriculture prior to 1970. The citation format used in these five sections differs from The Main Entry section, as follows: USDA, State Experiment, and State Extension publications are arranged alphabetically by journal title abbreviation; in addition, the *Bibliography of Agriculture* Identification Numbers have been eliminated. These numbers have been dropped in these sections because all the entries appear in The Main Entry Section as well as in the subsections.

GEOGRAPHIC INDEX

As part of our goal of constantly increasing access to the literature, we have added a geographic index. This index is a direct alphabetic listing of all place names which have been indexed in association with the title. Obviously not all titles will have geographic entries. The indexing division of the National Agricultural Library will add geographic descriptors wherever it is germane to the subject of the article.

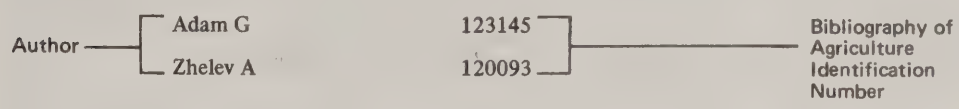
CORPORATE AUTHOR INDEX

Readers will note that the corporate author index is considerably enlarged. We are now able to indicate authorship of the publications of the State Agricultural Experiment Stations and Extension Services. The full corporate citation is given, followed by the six digit identification number referring to its appropriate main entry.



AUTHOR INDEX

All personal authors (to a maximum of ten for each citation) are included in the index. Entries are made by last name and initials, followed by the six digit identification number referring to the bibliographic data in the main entry section.



SUBJECT INDEX

The vocabulary of the *Bibliography of Agriculture* is derived from the indexed literature. As a result, it reflects both natural language and scientific terminology. The reader must keep this fact in mind and approach the subject index without any preconceived taxonomy in mind. For example, data on a particular member of the ACARIDAE family may be found under TICKS as well. Prevention measures will be found under ACARICIDE.

The reader should plan his search in terms of the most specific natural language term prior to searching under a scientific term. However, note that the vocabulary is an open ended one and new terms are added each month. Undoubtedly readers will be more keenly aware of crucial search terms within their own fields of research. If such terms are missing, we hope readers will notify the editor of such gaps. The Subject Index will increase its utility if there is frequent interaction between the research community and the editor.

All entries are complete (none are truncated), and are based on single words in the title (and title enrichment when added by the library). An entry will be made whenever a title word matches a word on the authority file, which currently contains over 25,000 terms. The file is organized so that in most cases synonymous terms are grouped together under a single subject heading. Thus singular and plural forms are grouped under a single term as are grammatical variants.

The title word on which the entry is based, appears in italics to facilitate rapid scanning of the index. A secondary word, which may either precede or follow the primary word, appears in bold face type. The alphabetic sequence is by the secondary (bold face) word. These word pairs help provide finer access to desired terms, particularly under headings which have many entries.

CHEESES

Production and sale of *Gorgonzola* **cheese** [Prices, trade, productive capacity]. 227693

The **cheese** *industry*. 227819

Information for the consumer and advertising abroad of typical *Italian* **cheeses** [Prices]. 227689

Not enough to produce—Sale of *Italian* **cheeses** urgency of modern forms and efficient structures [Prices, trade].

Many general terms were deleted from the control vocabulary in 1975, and work is underway on the establishment of a more complete list of specific terms. Each subsequent issue will reflect this work. The *Thesaurus of Agricultural Terms,* published in 1976, reflects all the changes made in the control vocabulary through December 1975.

The last item of each entry in the Subject Index is the six digit *Bibliography of Agriculture* identification number. Use this number to locate the complete main entry citation in the monthly issues.

AVAILABILITY OF REFERENCES CITED

Most of the current publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free of charge by applying directly to the issuing agency. The National Agricultural Library does not distribute them, nor does the publisher.

Users who wish to obtain full text for citations should first utilize the resources of their local libraries. For material which is not readily available from other sources, users may request material from the National Agricultural Library. Such requests must include the complete citation as well as the Library's call number. Microfilm or electrostatic copies of documents may be purchased from the Photocopying Service of the National Agricultural Library, U.S. Department of Agriculture, Beltsville, Maryland 20705. Copy charges are:

Microfilms:	$1.00 for each 30 pages or fraction copied from a single article or book
Electrostatic Copies:	$1.00 for each 10 pages or fraction copied from a single article or book.

Payment must accompany the order. Cash, library coupons, check, or money order drawn to the National Agricultural Library, USDA, are acceptable. Payment for orders originating outside the United States should be made by international money order or draft on an American bank, or by UNESCO book coupons. Library coupons, valued at $1.00 each, may be purchased in any quantity from the Library's Photocopying Service.

LIST OF JOURNAL TITLE ABBREVIATIONS CITED

A E Pap Okla State Univ Dep Agric Econ
A E Res N Y State Univ Dep Agric Econ
A E S C Agric Exp Stn
Abeille Fr Apicul
Acad Agric Fr C R Seances
Acta Agric Scand
Acta Agrobot
Acta Anat
Acta Biol, Nova Ser (Szeged)
Acta Chem Scand Ser B Org Chem Biochem
Acta Endocrinol
Acta Histochem
Acta Med Vet
Acta Palaeobot
Acta Physiol Scand
Acta Soc Fauna Flora Fenn
Acta Trop
Adv Cereal Sci Technol
Adv Genet
Adv Protein Chem
Advance
AEN Dep Agric Eng Univ Ky Coop Ext Serv
AFRI Res Rep N Y (State) State Univ Coll Environ Sci For Appl For Res Inst
Africa Int Perspective
Ag Stat N D Crop Livest Rep Serv
AGR Ky Univ Dep Agron
Agra Univ J Res, Sci
Agrarpreise Stat Off Eur Communities
Agrarrecht
Agric Adm
Agric Biol Chem
Agric Econ Rep Dep Agric Econ Mich State Univ
Agric Econ Rep Econ Res Serv U S Dep Agric
Agric Eng (St Joseph, Mich)
Agric Environ
Agric Ext Serv Univ Minn Spec Rep
Agric Gaz N S W
Agric Handb U S Dep Agric
Agric Inf Bull U S Dep Agric
Agric Libr Inf Notes
Agric Los Bands
Agric Meteorol
Agric Pak
Agric Situat U S Dep Agric Stat Rep Serv
Agric Syst
Agriculture (Paris)
Agroanimalia
Agrokem Talajtan
Agron Dep Mimeogr Ser Ohio Agric Res Dev Cent Dep Agron
Agron J
Agron Trop (Paris)
Aktuel Lantbrukshogsk (Upps)
Aktuel Litinf Obstbau Berlin Tech Univ Bibl
Am Bee J
Am Coop, Am Inst Coop
Am Dairy Rev
Am For
Am Fruit Grow
Am Hortic
Am J Agric Econ
Am J Anat
Am J Bot
Am J Clin Nutr
Am J Diseases Children
Am J Nursing
Am J Physiol
Am J Public Health
Am J Trop Med Hyg
Am J Vet Res
Am Mus Novit
Am Nurserym
Am Potato J
Am Sci
Amer J Clin Nutr
Amer School Board J
AMS U S Dep Agric Agric Mark Serv
An Acad Bras Cienc
An Edafol Agrobiol
An Soc Cient Argent
Anal Biochem
Anal Methods Pestic Plant Growth Regul
Anim Blood Groups Biochem Genet
Anim Breed
Ann Agric Sci (Moshtohor)
Ann Biol Anim Biochim Biophys
Ann Bot
Ann Entomol Soc Am
Ann Falsif Expert Chim
Ann Geogr
Ann Histochim
Ann Nutr Aliment
Ann Sci Nat Zool Biol Anim
Ann Univ Maria Curie Sklodowska, Sect C Biol
Ann Univ Mariae Curie-Sklodowska, Sect B, Geogr Geol Mineral Petrograf
Annot Zool Jap
Annu Feed Day Rep Alberta Univ Dep Anim Sci
Annu Rep Bean Improv Coop
Annu Rep Ind Agric Exp Stn
Annu Rep Inst Ferment Osaka)
Annu Rep Proc Oreg Hortic Soc
Annu Sci Presentations Semin Synopses Am Anim Hosp Assoc
APE, Riv Svizz Apic
Apiacta
Appl Anim Ethology
Appl Biochem Microbiol
Appl Entomol Zool
Appl Stat
Applied Environ Microbiol
Aquaculture
Aquat Bot
Arable Farming
Arb Osterreich Kurator Landtech
Arboric Fruit
Arch Biochem Biophys
Arch Bot Biogeogr Ital
Arch Exp Veterinarmed
Arch Gartenbau
Arch Phytopathol Pflanzenschutz
Arch Tierz
Arch Virol
Arch Zootec
Arctic
Arkansas Farm Res
Arkh Anat Gistol Embriol
Arnoldia Rhod
ARS-NC U S Agric Res Serv North Cent Reg
ARS-NE U S Agric Res Serv Consum Food Econ Inst
ARS-S U S Agric Res Serv South Reg
ARS-W U S Agric Res Serv West Reg
ASC Ky Univ Dep Anim Sci
Atti Accad Sci Lett Arti Palermo
Aust For Ind J
Aust J Bot
Aust Vet Pract
Australas Beekeep
Avian Dis
Bakers Dig
Baromfiipar
Bayer Landwirtsch Jahrb
Bedrijfsontwikkeling
Beitr Geobot Landesaufn Schweiz Schweiz Naturforsch Ges Pflanzengeogr Komm
Beitr Naturkd Forsch Sudwestdtschl
Beitr Stat Hessens
Belg Apic
Ber Eidg Anstalt Forstl Vers
Ber Landwirtsch Ger (Fed Repub) Minist Ernahr Landwirtsch Forsten
Ber Schweiz Bot Ges
Beret Faellesudvalg Statens Plant
Beret Statens Husdyrbrugsudvalg Landokonomisk Forsogslab
Bienenvater
Big Farm Manage
Biochem Biophys Res Commun
Biochem Physiol Pflanz
Biochemistry (Easton)
Biochim Biophys Acta
Biochimie
Bioelectrochem Bioenerg
Biol Conserv
Biol Ecol Med
Biol Plant
Biol Reprod
Biol Rev
Biol Zentralbl
BioScience Am Inst Biol Sci
Biosynthesis
Biotechnol Bioeng
Biotehnika
Birokteren
Biul Inst Ochr Rosl (Poznan)
Biull Vses Inst Rastenievod
Biull Vses Nauchno-Issled Inst Kukuruzy
Bois Forets Trop
Bol Acad Nac Cienc
Bol Bot
Bol Soc Port Cienc Nat
Bookl G B For Comm
Bot Mar
Bot Mater Gerbar Inst Bot
Bot Rev
Botanique
Br Bee J
Br J Nutr
Br Phycol J
Bras Flores
Brauwelt
Brenesia
Brew Dig
Bul Kebun Raya
Bull Acad Vet Fr
Bull Agric Exp Stn Auburn Univ
Bull Agric Exp Stn Div Agric Univ Arkansas
Bull Agric Exp Stn Univ Del
Bull Am Iris Soc
Bull Am Meteorol Soc
Bull Am Soc Vet Clin Pathol
Bull Coop Ext Serv Univ Ga Coll Agric
Bull Environ Contam Toxicol
Bull Fr Piscic
Bull Geol Soc Am
Bull Gov For Exp Stn (Tokyo)
Bull Hir Prefect Agric Exp Stn
Bull Idaho Agric Exp Stn Univ Idaho Coll Agric
Bull Ill Nat Hist Surv
Bull Inst Zool Acad Sin
Bull Int Assoc Sci Hydrol
Bull Malays Minist Agric Fish
Bull Md Insp Serv
Bull Mens Soc Linn Lyon
Bull Morioka Tob Exp Stn
Bull Nansei Reg Fish Res Lab
Bull Natl Grassl Res Inst
Bull Natl Inst Anim Ind (Chiba Shi)
Bull OEPP (Organ Eur Mediterr Prot Plant)
Bull Pac Trop Bot Gard
Bull Res Div, Va Polytech Inst State Univ
Bull S D State Univ Agric Exp Stn
Bull Shikoku Agric Exp Stn
Bull Soc Bot Fr
Bull Soc Chim Fr
Bull Soc Pathol Exot Ses Fil
Bull Taiwan For Res Inst
Bull Tech Inf Minist Agric (Paris)
Bull Tex Agric Exp Stn
Bull Torrey Bot Club
Bull Trimest Soc Mycol Fr
Bull Univ R I Coop Ext Serv
Bull Univ Tenn Agric Exp Stn
Bull Wash State Univ Coll Agric Res Cent
Bull World Health Organ
Buvar
C Nev Univ Coop Ext Serv
C R Hebd Seances Acad Sci, Ser D Sci Nat
Cac Suc J G B
Cafe Cacao The
Cah Ing Agron
Cajanus
Calif Farmer (Cent Ed)
Calif Vet
Cameroun Agric Pastor For
Can For Ind
Can Home Econ J
Can Inst Food Technol J
Can J Biochem
Can J Bot
Can J Comp Med
Can J Genet Cytol
Can J Microbiol
Can J Physiol Pharmacol
Can J Zool
Can Plant Dis Surv Can Dep Agric Res Branch
Carbohydr Chem
Carbohydr Res
Caryologia
Cattlemen
Cell Mass Inst Technol
Cell Tissue Res
Cellul Carta
Cereal Chem
Cereal Foods World
Chem Ber Ges Dtsch Chem
Chem Biol Interactions
Chem Commun
Chem Era
Chem Listy
Chem Pharm Bull
Chih-wu Hsueh-pao
Chromatographia
Chromosoma
Circ A Ext Serv N D State Univ
Circ Agric Exp Stn Auburn Univ
Circ Coop Ext Ser Univ Ga Coll Agric
Circ Ill Univ Agric Ext Serv
Circ N C State Univ Agric Ext Serv
Circ N M State Univ Coop Ext Serv
Circ Pa State Univ Coll Agric Ext Serv
Circ Wash Agric Exp Stn
Citrus Veg Mag
Clin Toxicol
Clin Vet
Coconut Bull
Coedwigwr
Coin Terre Foyer
Collect Czech Chem Commun
Commerce
Commun Soil Sci Plant Anal
Comp Biochem & Physiol A, Comp Physiol
Comp Biochem & Physiol B, Comp Biochem
Compr Virol
Comun Ser Prod Veg Inst Nac Invest Agrar
Consumer Reports
Contrib Cent Res Inst Agric (Bogor)
Cooking for Profit
Cornell Int Agric Dev Bull
Cornell Vet
CRC Crit Rev Microbiol (Chem Rubber Co)
Cryobiology
Ctry Life
Cukoripar
Cultivar
Cuoio Pelli Mater Concianti
Curr Inf Ser Idaho Univ Coop Ext Serv
Curr Rep W Va Agric Exp Stn
Curr Sci
Cytologia
Dairy Counc Dig
Dairy Ind
Dairy Situat U S Dep Agric Econ Res Serv
Dairy Top
Dairyfarm Dig
Dan Erhversfjerkrae
Dan Pelsdyravl
Dan Veterinaertidskr
Delt Ellin Ktiniatr Etair
Dev Biol
Differentiation
Dokl Akad Nauk BSSR
Drug Metab Rev
Dtsch Milchwirtsch
Dtsch Molk Ztg
E A T P R I Misc Rep (Trop Pestic Res Inst
East Grape Grow
Eau Amenagement Reg Provencale
Ecol Entomol
Ecol Res Ser
Ecologist
Econ Agric
Einzelbericht Forschungsges Agrarpolit Agrarsoziologie Bonn
Ekol Pol
Elelmez Ipar
EM Coop Ext Serv Coll Agric Wash State Univ
Endocrinology
ENT Univ Ky Coll Agric Coop Ext Serv

Entomol Exp Appl
Entomophaga
Environ Child Health
Environ Pollut
Enzymes
Erdo
ERFA (Erdogazdasag Faipar)
Ernahrungsforsch Wiss Prax
Esso Farmer
Euphytica
Euro-Farm Bus
Europ J Immunol
Exp Agric
Exp Cell Res
Exp Mol Pathol
Exp Parasitol
Experientia
Explor Econ Hist
Ext Bull Agric Ext Serv Univ Minn
Ext Bull Mich State Univ Coop Ext Serv
Ext Circ Coop Ext Serv Coll Agric Wash State Univ
Ext Circ Oreg State Univ Ext Serv
Ext Fol Agric Ext Serv Univ Minn
Ext Serv Rev U S Dep Agric
F. O. Licht's Int Sugar Rep
Fact Sheet Oreg State Univ Ext Serv
Faipar
Fam Circle
Fam Econ Rev
Farm Econ (Pa State Univ)
Farm Ed Sci
Farm J (Calcutta)
Farm Power Equip
Farm Ranch Home Q
Farmer Parliament
Farmers Bull U S Dep Agric
FAS-M U S Foreign Agric Serv
Fauna Entomol Scand
Fauna Fenn Soc Fauna Flora Fenn
FCS Res Rep Farmer Coop Serv U S Dep Agric
FDA Consumer
FEBS Lett (Fed Eur Biochem Soc)
Feedstuffs
Feldwirtschaft
Feline Pract
Fermes Mod
Fert Mark News
Fertil Steril
Fette Seifen Anstrichm
Fieldiana Bot
Fiji Agric J
Fjaderfa
Fjorfe
Flora Trop East Afr
Florists Rev
Flower Nursery Rep Commer Grow Coop Ext Univ Calif
Folia For
Folia Morphol
Food and Nutr News
Food Cosmet Toxicol
Food Eng
Food Ind S Afr
Food Management
Food Nutr
Food Nutr Notes Rev
Food Prod Dev
Food Technol
Food Technol N Z
For Prod J
For Sci
For Serv Res Pap WO U S Dep Agric
Foreign Agric Circ FCOF U S Foreign Agric Serv
Foreign Agric Trade U S Dep Agric Econ Res Serv
Foreign Agric U S Foreign Agric Serv
Forsk Prakt
Fortschr Tierphysiol Tierernahr
Freshwater Biol
Front Plant Sci
Frugtavleren
Fruit Belg
Fruit Var J
FVMPA Butter-Fat (Frazer Val Milk Prod Assoc)
Ga Agric Res
Ga Vet
Gabonaipar
Gart Kleintierzucht, C Imker
Gartenbaul Versuchsber
Gartneryrket
Gayana Zool
Gazdalkodas
Gen & Comp Endocrinol
Genet Agrar
Genetics
Genetika
Geochim Cosmochim Acta
Geoderma
Geoponika
Gesunde Pflanz
Glean Bee Cult
Gradinar Lozar Nauka
Ground Water
Growth
Haven
Health Lab Sci
Herba Pol
Hereditas
Highlights Agric Res
Histochemistry
Hitotsubashi J Soc Stud Hitotsubashi Univ
Holzforsch Holzverwert
Home Econ Res J
Hoppe Seylers Z Physiol Chem
Hospitals
Husdjur
I P E F (Inst Pesqui Estud Florestais)
Idaho Agric Res Prog Rep
Ikon Misul
Ill Teacher
Immunochemistry
In Agrarian Reform and Law; Institute on Agrarian Laws
In Biosinteticheskie i fiziologicheskie svoistva mikroorganizmov. M. E. Beker & others, eds.
In Biostimulation and Nutrient Assessment; Proceedings of a Workshop
In Calcium Metabolism, Bone and Metabolic Bone Diseases; Proceedings of the European Symposium on Calcified Tissues
In Cambrian Forests. H. L. Edlin, ed.
In Cell Division in Higher Plants. M. M. Yeoman, ed.
In Chemistry and Biochemistry of Plant Pigments. T. W. Goodwin, ed.
In Conference on Agricultural Health and Safety; Proceedings of Symposium
In Dendrofil'nye nasekomye Moldavii. B. V. Vereshchagin & Others, eds.
In El' i el'niki Latvii. I. IA. Liepa & others, eds.
In Fiziologo-geneticheskie osnovy povysheniia produktivnosti zernovykh kul'tur. N. V. Turbin & others, eds.
In Flora i rastitel'nye resursy Kazakhstana. G. Z. Biiashev, B A Bykov, & V P Gosloskokov, eds.
In Fomes Annosus; Proceedings of the International Conference
In Gibberellins and Plant Growth. H. N. Krishnamoorthy, ed.
In Gluconeogenesis: Its Regulation in Mammalian Species. R. w. Hanson & M. A. Mehlman, eds.
In Immunitet sel'skokhoziaistvennykh rastenii k bolezniam i vrediteliam. IU. N. Fadeev & others, eds.
In International Wildlife Disease Conference, Wildlife Diseases. L. A. Page, ed.
In Issledovaniia po teoreticheskoi i prikladnoi genetike. P. F. Rokitskii & others, eds.
In Kommunisticheskoe vospitanie truzhenikov sela i voprosy povysheniia kul'tury sel'skogo byta
In Mathematical Analysis of Decision Problems in Ecology; Proceedings of the NATO Conference
In Methods in Plant Ecology. S. B. Chapman, ed.
In Povyshenie plodorodiia pochv legkogo mekhanicheskogo sostava. V. P. Nartsissov, ed.
In Prairie: a Multiple View. M. K. Wali, ed.
In Proceedings Alfalfa Seed Production Symposium
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Indian Cashew J
Indian Dairym
Indian Farm Mech
Indian Farming
Indian Food Pack
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Indian J Agron
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Indian J Ecol
Indian J Genet Plant Breed
Indian J Med Res
Indian J Nutr Diet
Indian J Pharm
Indian Poult Rev
Indian Pulp Pap
Indian Sugar
Indian Tob Bull
Inf Card Clemson Univ Ext Serv
Inf Fitopatol
Inf Rep FMR-X For Manage Inst Ottawa
Inf Rep NOR-X North For Res Cent (Edmonton Alberta)
Inf Rep PS-X Petawawa For Exp Stn
Inf Sheet Coop Ext Serv Miss State Univ
Inf Tec Argent Repub Estac Exp Agropecu Pergamino
Inf U S Farmer Coop Serv
Infect Immun
Insectes Mal Arbres Reg Que
Instit Distrib
Instit/vol Feeding
Int Dev Rev
Int J Ecol Environ Sci
Int J Parasitol
Int J Syst Bacteriol
Int Sugar J
Int Z Landwirtsch
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Interdep Publ ID Univ Ky Coop Ext Serv
Iowa State Univ Vet
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J Am Leather Chem Assoc
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J Am Water Works Assoc
J Amer Med Assoc
J Anat
J Anim Sci
J Appl Bacteriol
J Appl Chem Biotechnol
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J Appl Polym Sci
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J Jap Vet Med Assoc
J Lipid Res
J Med Entomol
J Membr Biol
J Microsc Biol Cell
J Milk Food Tech
J Minn Acad Sci
J Mol Biol
J Nat Hist
J Natl Res Counc Thail
J Nematol
J Nutr
J Nutr Educ
J Org Chem
J Parasitol
J Pathol (Edinb)
J Pediatrics
J Physiol
J Physiol (Paris)
J Polym Sci Polym Chem Ed
J Polym Sci Polym Letter Ed
J Protozool
J Reprod Fertil
J Res Lepid
J S Afr Bot
J Sci Food Agric
J Soc Agric Mach Jap
J Stored Prod Res
J Suisse Apicul
J Tenn Acad Sci
J Theor Biol
J Toxicol Environ Health
J Virol
J Wash Acad Sci
J Water Pollut Control Fed
J Wildl Dis
Jap J Anim Reprod
Jarmuvek, Mezogazd Gepek
Jordbruksekon Medd
Journal of Human Nutrition
K Skogs och Lantbruksakademiens Tidskr
Kadry Sel'sk Khoz
Kakteen Sukkulenten
Kert Kut Intez Kozl
Khim Drev
Khim Sel'sk Khoz
Kolloid-Z & Z Polym
Korma
Kraftfutter
La Agric
La Vie Agric Meuse
Lab Invest
Lait
Lancet
Land Econ
Landbo Nyt
Landbouwmechanisatie
Landbrukstidende
Landscape
Landscape Plann
Landwirtsch Angew Wiss Minist Ernahr Landwirtsch Forsten Ger Fed Rep
Lantbrukshogsk Medd, Ser A
Lantmannen
Leafl Coop Ext Serv Univ Ga Coll Agric
Leafl North Irel Advis Serv Dep Agric
Leafl North Scotl Coll Agric
Leafl U S Dep Agric
Leben Erde
L'elevage
Lesn Cas
Lesovod Agrolesomelior
Letzeburger Beien Ztg
Light Gard
Limnol Oceanogr
Livest Breed J
Livest Farming
Livest Prod Sci
Living Hist Farms Bull
Low Temp Sci, Ser B Biol Sci (Hokkaido Univ)
Mach Agric Trop
Madrono
Maelkeritidende
Malays Agric J
Mark Res Rep U S Dep Agric
Md Poultryman
Meat Process
Mech Zemed
Med Nor Myrselsk
Meded Inst Cultuurtech Waterhuishoud
Meheszet
Meieriposten
Mekh Elektrif Sel'sk Khoz
Mem Entomol Soc Can
Mem Fac Agric Hokkaido Univ
Mem Fac Agric Kagawa Univ
Mem Fac Agric Niigata Univ
Mem N Y Bot Gard
Mezogazd Tech
Mich Farm Econ
Mich Sci Action
Microbiology
Micron
Mikroelem SSSR
Milch Prax Rindermast
Milchwirtsch Ber Bundesanst Wolfpassing Rotholz
Milchwissenschaft
Misc Publ U S Dep Agric
Mol Cell Endocrinol
Mol Gen Genet (MGG)
Molk-Ztg Welt Milch
Monatsh Chem
Monit Zool Ital, Suppl
Monogr Biol
Mosc Univ Soil Sci Bull
Moscow Univ Biol Sci Bull
Mutat Res
Mycopathologia
Mysore J Agric Sci
N D Farm Res
N S W Dairyman
N Z J Agric
N Z J Bot
N Z J For Sci
Na Okika O Hawaii (Hawaii Orchid J)
Nat Can
Natl Cac Suc J
Natl Food Situation
Natl Inst Anim Health Q (Tokyo)
Natl Wool Grow
Nature
Nauka Pol
Naunyn-Schmiedeberg's Arch Pharmacol
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Niger J Plant Prot
Nogaku Kenkyu Inst Agric Biol Sci Okayama Univ
Nor Landbruk
Nor Pelsdyrbl
Nor Skogbruk
Nor Skogind
Nor Veterinaertidskr
Nord Lantbruksekon Tidskr
Nord Mejeritidsskr
Nord Veterinaermed
North Cent Reg Res Publ
Northeast Reg Cent Rural Dev Publ
Northwest Sci
Notes Inf Cent Tech Canne Sucre Guadeloupe Martinique
Nouv Avic
Nova Acta Leopold
Nutr Action
Nutr Rep Int
Nutr Rev
Ny Jord
Obz Inf Vses Nauchno-Issled Inst Inf Tekh-Ekon Issled Sel'sk Khoz
Oecol Plant

LIST OF JOURNAL TITLE ABBREVIATIONS CITED

Oecologia
Oikos
Oleagineux
Onderstepoort J Vet Res
Overz Landbouw Econ Inst
PA U S Dep Agric
Pac Discov
Pac Sci
Pag Bull
Pap Celul
Parasitology
Parent's Magazine
PB U S Natl Tech Inf Serv
Pchelovodstvo
Peanut Farmer
Pecan Q
Pecan South
Pediatrics
Pepinier Hortic Maraich
Peptides
Personnel J
Pesqui Agropecu Bras, Ser Vet
Pest Control
Pestic Sci
Pesticides
Pflanzenschutzberichte
Pflanzenschutzberichte Nce
Pflugers Arch
Pharm Chem J
Physiol Entomol
Physiol Plant
Phytochemistry
Phytoparasitica
Phytopathol Mediterr
Phytopathol Z
Plant Cell Physiol
Plant Chron
Plant Dis Rep
Plant Med
Plant Physiol
Plant Sci Lett
Plant Syst Evol
Planta
PM Iowa State Univ Sci Technol Ames Coop Ext Serv
Pollen Spores
Pol'nohospodarstvo
Pomme Terre Fr
Pomol Fr
Potato Res
Poult Advis
Poult Guide
Poult Ind
Poult Sci
Power Farming
Pr Nauk Inst Ochr Rosl (Warsaw)
Pract Nutr
Prakt Tier
Princ Food Sci
Proc Am Assoc Vet Lab Diagn
Proc Am Forage Grassl Counc
Proc Am Water Resour Conf
Proc Annu Corn Sor Res Conf
Proc Annu Meet Northeast Weed Sci Soc
Proc Annu Meet U S Anim Health Assoc
Proc Annu Recipro Meat Conf Am Meat Sci Assoc
Proc Great Plains Agric Counc
Proc Indian Acad Sci, Sec B
Proc Indian Natl Sci Acad, Part B Biol Sci
Proc Iowa Acad Sci
Proc K Ned Akad Wet, Ser C Biol Med Sci
Proc Natl Acad Sci U S A
Proc Northeast For Tree Improv Conf
Proc Nutr Soc
Proc R Soc Lond, B Biol Sci
Proc Ruakura Farmers Conf Week
Proc Soc Am For
Prod Agric Fr
Prod Res Rep Agric Res Serv U S Dep Agric
Prof Nutritionist
Prog Agric Vitic
Prog Chem Org Nat Prod
Prog Farmer (Birmingham)
Prog Rep Colo Exp Stn
Prog Rep Pa Agric Exp Stn
Prog Rep Ser Ala Agric Exp Stn
Prostaglandins (Los Altos)
Protoplasma
Przegl Geogr
Pszczelnicze Zesz Nauk
Publ Can Dep Agric
Publ Miss State Univ Coop Ext Serv
Publ U S Ext Serv
Publ 2 Landbouw-Econ Inst Afd Streekonderz
Publ 3 Landbouw-Econ Inst Afd Bedr Onderz Landbouw
Pudoc Bull
Pulp & Pap Mag Can
Q Bull Int Assoc Agric Libr Doc
Q Rev Biol
Queensl Agric J
Quick Frozen Foods
Radiat Res
Radiobiology
Rapp Proefstn Rundveehouderij
Recent Adv Phytochem
Rech Agron
Recl Med Vet
Reclam Era
Redog Forskningsstiftelsen Skogsarbeten
Reordenamento
Rep Anim Breed Res Organ
Rep Hawaii Sugar Technol Annu Conf
Rep Ser Arkansas Agric Exp Stn
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Res Bull Fac Agric Gifu Univ
Res Bull Ga Exp Stn
Res Bull Idaho Agric Exp Stn Univ Idaho Coll Agric
Res Bull Nebr Agric Exp Stn
Res Bull Ohio Agric Res Dev Cent
Res Circ Ohio Agric Res Dev Cent
Res Commun Chem Pathol Pharmacol
Res Life Sci
Res Note INT U S Dep Agric For Serv Intermt For Range Exp Stn
Res Notes B C For Serv
Res Rep Mich State Univ Agric Exp Stn
Res Rep Off Rural Dev (Soil Sci Fert Plant Prot Micrology) Korea (Repub)
Res Rep Silk Cond Houses
Res Rep Utah Agric Exp Stn
Res Vet Sci
Residue Rev
Respir Physiol
Restaurant Bus
Rev Agric (Brux)
Rev Belg Vins Spiritueux
Rev Bras Biol
Rev Bryol Lichenol
Rev Cafetalera
Rev Cent Cienc Rurais
Rev Elev Med Vet Pays Trop
Rev Fr Corps Gras
Rev Hortic Suisse
Rev Iber Parasitol
Rev Med Vet (Toulouse)
Rev Nutr Anim
Rev Palaeobot Palynol
Rev Port Cienc Vet
Rev Prat Froid Cond d'Air
Rev Roum Biochim
Rev Vet Can
Rhod Agric J
Rhodora
Rice J
Riv Agron
Riv Ing Agrar
Riv Ital Sost Grasse
Riv Ortoflorofruttic Ital
Riv Patol Veg
Rural India
Sanshi Shikenjo Hokoku Bull Sericult Exp Stn
Saussurea
Sb Nauchn Tr Leningr Nauchno-Issled Inst Lesn Khoz
Sb Provozne Ekon Fak Cesk Budejovicich Ekon Rada
SB Univ Nebr Lincoln Coll Agric Agric Exp Stn
Scand J Immunol
Sch Bus Affairs
Sch Foodserv J
Schweiz Bienen-Zeitung
Sci Biol J
Sci Cult
Sci Prog
Science
Search Agric
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Sel Semenovod (Kiev)
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Spec Rep Oreg Agric Expn Stn
Staff Welfare Catering
Stain Technol
Stat Bull U S Dep Agric
Stn Bull Agric Exp Stn Univ Minn
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Sugarbeet Grow
Sulphur
Summa Phytopathol
Supervisory Management
Sven Frotidn
Sven Papperstidn
Svinskotsel
Swed J Agric Res
Symp Br Ecol Soc
Symp R Entomol Soc Lond
Symp Ser Soc Appl Bacteriol
Syst Zool
TAG (Theor Appl Genet)
Takarmanytermesztesi Kut Intez Kozl Takarmanybazis
Tappi (Tech Assoc Pulp Paper Ind)
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Tec Molit
Tech Bull Agric Exp Stn Univ Minn
Tech Bull Colo Agric Exp Stn
Tech Bull Fac Agric Kagawa Univ
Tech Bull Maine Life Sci Agric Exp Stn
Tech Bull Miss State Univ Agric For Exp Stn
Tech Bull U S Dep Agric
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Tech Pub Aust Soc Dairy Technol
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Tetrahedron
Tetrahedron Lett
Theriogenology
Tidsskr Biavl
Tidsskr Plant
Tierzucht
Tijdschr Diergeneeskd
Tissue Cell
Tob Situat TS U S Dep Agric Econ Res Serv
Today's Health
Tohoku J Agric Res
Town Milk
Toxicol Appl Pharmacol
Tr Akad Nauk SSSR Inst Biol Vnutr Vod
Tr Inst Bot (Alma Ata)
Tr Inst Ekol Rast Zhivotn
Tr Inst Mikrobiol Virusol
Tr Mosk O-va Ispyt Prir
Tr Petergof Biol Inst
Tr Prikl Bot Genet Sel
Tr Vses Nauchn-Issled Inst Khlopkovod
Tr Vses Nauchno-Issled Inst Mekh Sel'sk Khoz
Training
Training Dev J
Trans Biochem Soc
Trans Br Mycol Soc
Trop Agric (Guilford)
Trop Grassl
Tropenmed Parasitol
Tud Kozl Erdeszeti Faipari Egy
U S D A For Serv Gen Tech Rep I N T U S Intermt For Range Exp Stn
U S D A For Serv Res Note PSW U S Pac Southwest For Range Exp Stn
U S D A For Serv Res Pap FPL
U S For Serv Res Note NC North Cent For Exp Stn
U S For Serv Res Note SO (South For Exp Stn)
Ugeskr Agron Hortonomer Forstkandidater Licentiater
USDA For Ser Gen Tech Rep PNW Pac Northwest For Range Exp Stn U S Dep Agric
USDA For Ser Res Note NE (U S Dep Agric Northeast For Exp Stn)
USDA For Serv Res Note PNW U S Pac Northwest For Range Exp Stn
USDA For Serv Res Pap INT U S Intermt For Range Exp Stn
USDA For Serv Res Pap NC (U S Dep Agric North Cent For Exp Stn)
USDA For Serv Res Pap NE (U S Northeast For Exp Stn)
USDA For Serv Res Pap RM U S Rocky Mt For Range Exp Stn
Utah Sci
Vara Palsd
Vcelar
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VDL Nachrichten Verb Dtsch Akad Landwirtsch Ernahrung Landespflege
Veeproholland
Veroff Land- Hauswirtsch Auswertungs- Informationsdienst
Vestn Ser Biol Leningr Univ
Vestn Ser Geol Geogr Leningr Univ
Vet Arh
Vet Bull
VET Dep Vet Sci Univ Ky Coll Agric Coop Ext Serv
Vet Econ
Vet Parasitol
Vet Rec
Vet Toxicol
Vinodel Vinograd SSSR
Virchows Arch Abt B Zellpathol Cell Pathol
Virology
Vopr Ekon
Vynohradar Vynorob
Weeds Today
Wiss Z Tech Univ Dres
Wood Res
World Anim Rev
World Crops
World Wood
Z Ernahrungswiss
Z Ernahrungswiss Suppl
Z Lebensm Unters Forsch
Z Pflanzenkr Pflanzenschutz
Z Pflanzenphysiol
Z Pilzkd
Z Tierpsychol
Z Tierz Zuchtungsbiol
Z Vgl Physiol
Zamet Sist Geogr Rast Akad Nauk Gruz SSR Tbilis Bot Inst
Zemed Ekon
Zentralbl Bakteriol Parasitenkd Infektionskr Hyg II Naturwiss Abt
Zentralbl Veterinarmed, Reihe B
Zesz Nauk Technol Zywn Akad Roln-Tech Olsztynie
Zesz Nauk Zootech Akad Roln-Tech Olsztynie
Zh Prikl Khim
Zhivotnovud Nauki
Zool Beitr
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GENERAL NATURAL RESOURCES AND ENVIRONMENTAL POLLUTION

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